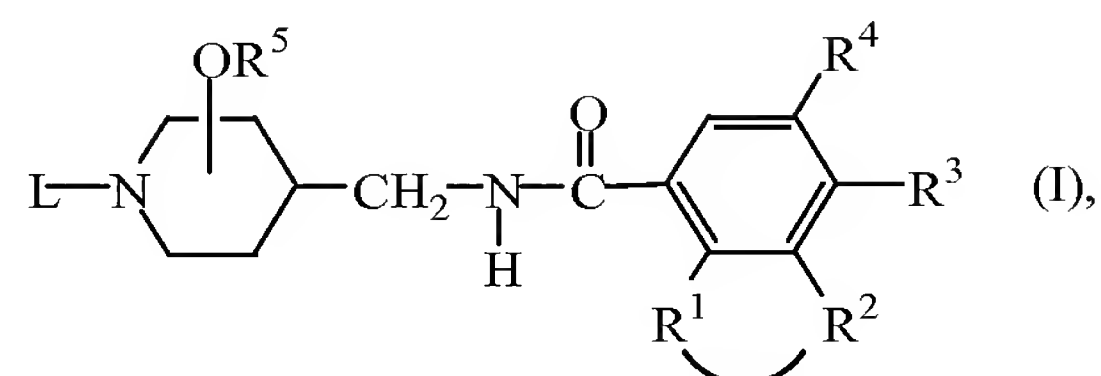


This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A compound of formula (I)



a stereochemically isomeric form thereof, an *N*-oxide form thereof, or a pharmaceutically acceptable acid or base addition salt thereof, wherein

$-R^1-R^2-$  is a bivalent radical of formula

$-\text{O}-\text{CH}_2-\text{O}-$  (a-1),

$-\text{O}-\text{CH}_2-\text{CH}_2-$  (a-2),

$-\text{O}-\text{CH}_2-\text{CH}_2-\text{O}-$  (a-3),

$-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-$  (a-4),

$-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{O}-$  (a-5),

$-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-$  (a-6),

$-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{O}-$  (a-7),

$-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-$  (a-8),

wherein in said bivalent radicals optionally one or two hydrogen atoms on the same or a different carbon atom may be replaced by  $\text{C}_{1-6}$ alkyl or hydroxy,

$R^3$  is  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkyloxy, or halo;

$R^4$  is hydrogen or halo;

provided that when  $R^3$  and  $R^4$  are both halo, then the bivalent radical  $-R^1-R^2-$  is of formula (a-5);

$R^5$  is hydrogen or  $\text{C}_{1-6}$ alkyl, and the  $-\text{OR}^5$  radical is situated at the 3- or 4-position of the piperidine moiety;

$L$  is hydrogen, or  $L$  is a radical of formula

$-\text{Alk}-R^6$  (b-1),

$-\text{Alk}-X-R^7$  (b-2),

$-\text{Alk}-Y-\text{C}(=\text{O})-R^9$  (b-3), or

$-\text{Alk}-Z-\text{C}(=\text{O})-\text{NR}^{11}\text{R}^{12}$  (b-4),

wherein each Alk is  $\text{C}_{1-12}$ alkanediyl; and

$R^6$  is hydrogen; hydroxy; cyano;  $\text{C}_{3-6}$ cycloalkyl;  $\text{C}_{1-6}$ alkylsulfonylamino; aryl or Het;

R<sup>7</sup> is C<sub>1-6</sub>alkyl; C<sub>1-6</sub>alkyl substituted with hydroxy; C<sub>3-6</sub>cycloalkyl; aryl or Het;

X is O, S, SO<sub>2</sub> or NR<sup>8</sup>; said R<sup>8</sup> being hydrogen or C<sub>1-6</sub>alkyl;

R<sup>9</sup> is hydrogen, C<sub>1-6</sub>alkyl, C<sub>3-6</sub>cycloalkyl, hydroxy or aryl;

Y is a direct bond, or NR<sup>10</sup> wherein R<sup>10</sup> is hydrogen or C<sub>1-6</sub>alkyl;

Z is a direct bond, O, S, or NR<sup>10</sup> wherein R<sup>10</sup> is hydrogen or C<sub>1-6</sub>alkyl;

R<sup>11</sup> and R<sup>12</sup> each independently are hydrogen, C<sub>1-6</sub>alkyl, C<sub>3-6</sub>cycloalkyl, or R<sup>11</sup> and R<sup>12</sup> combined with the nitrogen atom bearing R<sup>11</sup> and R<sup>12</sup> may form a pyrrolidiny, piperidiny, piperazinyl or 4-morpholinyl ring both being optionally substituted with C<sub>1-6</sub>alkyl;

aryl represents unsubstituted phenyl or phenyl substituted with 1, 2 or 3 substituents each independently selected from halo, hydroxy, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkyloxy, C<sub>1-6</sub>alkylcarbonyl, nitro, trifluoromethyl, amino, aminocarbonyl, and aminosulfonyl; and

Het is furanyl; furanyl substituted with C<sub>1-6</sub>alkyl or halo;

tetrahydrofuranyl; tetrahydrofuranyl substituted with C<sub>1-6</sub>alkyl;

dioxolanyl; dioxolanyl substituted with C<sub>1-6</sub>alkyl;

dioxanyl; dioxanyl substituted with C<sub>1-6</sub>alkyl;

tetrahydropyranyl; tetrahydropyranyl substituted with C<sub>1-6</sub>alkyl;

2,3-dihydro-2-oxo-1H-imidazolyl; 2,3-dihydro-2-oxo-1H-imidazolyl substituted with one or two substituents each independently selected from halo, or C<sub>1-6</sub>alkyl;

pyrrolidiny; pyrrolidiny substituted with one or two substituents each independently selected from halo, hydroxy, or C<sub>1-6</sub>alkyl;

pyridiny; pyridiny substituted with one or two substituents each independently selected from halo, hydroxy, C<sub>1-6</sub>alkyl;

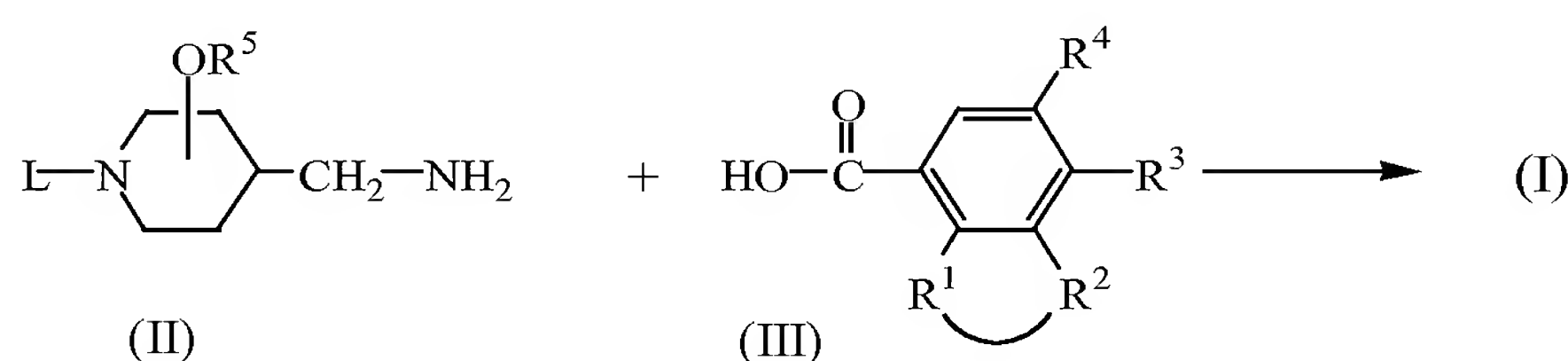
pyrimidiny; pyrimidiny substituted with one or two substituents each independently selected from halo, hydroxy, or C<sub>1-6</sub>alkyl;

pyridazinyl; pyridazinyl substituted with one or two substituents each independently selected from hydroxy, C<sub>1-6</sub>alkyloxy, C<sub>1-6</sub>alkyl or halo;

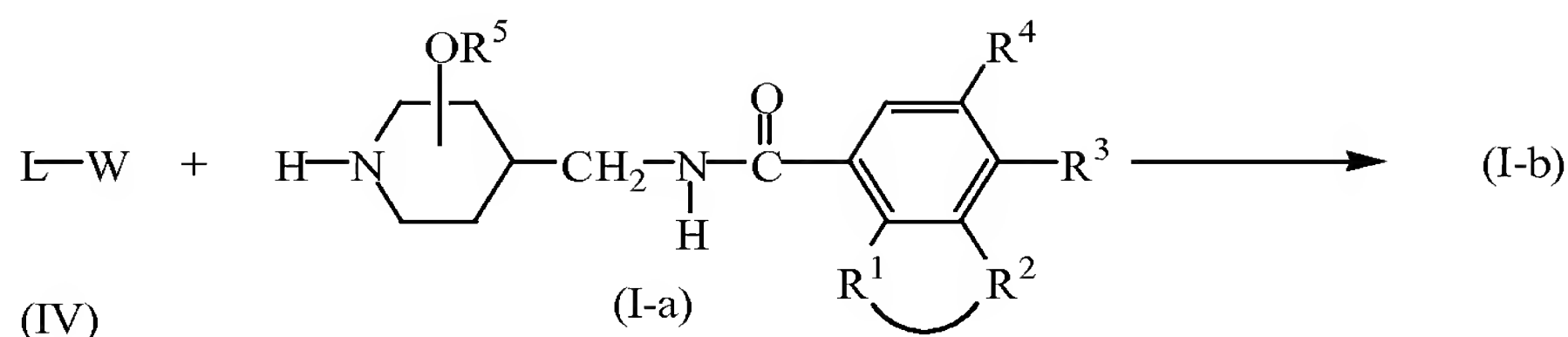
pyrazinyl; pyrazinyl substituted with one or two substituents each independently selected from hydroxy, C<sub>1-6</sub>alkyloxy, C<sub>1-6</sub>alkyl or halo.

2. (Previously Presented) The compound as claimed in claim 1 wherein the –OR<sup>5</sup> radical is situated at the 3-position of the piperidine moiety having the trans configuration.

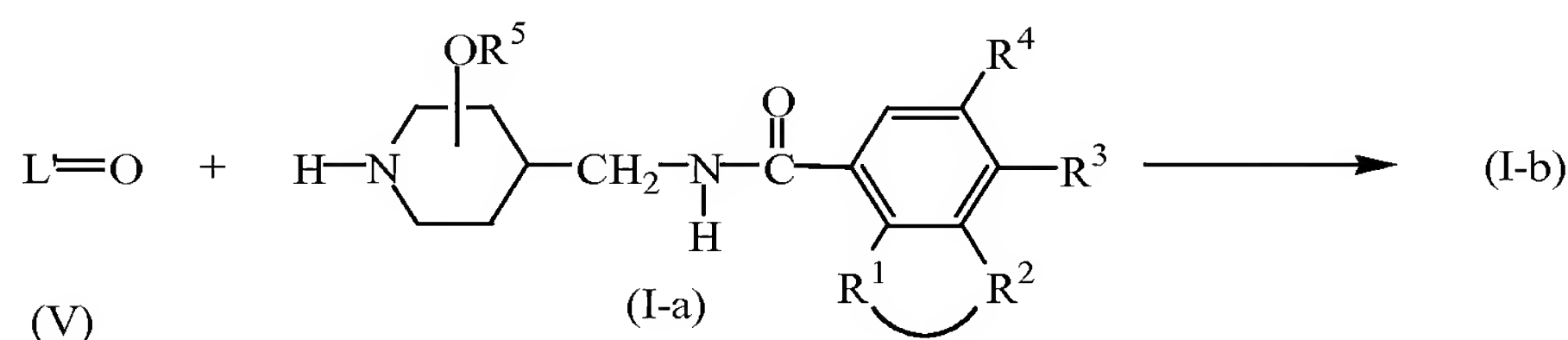
3. (Previously Presented) The compound as claimed in claim 2 wherein the absolute configuration of said piperidine moiety is (3S, 4S).
4. (Previously Presented) The compound as claimed in claim 1 wherein -R<sup>1</sup>-R<sup>2</sup>- is a radical of formula (a-5), R<sup>3</sup> is chloro and R<sup>4</sup> is chloro.
5. (Previously Presented) The compound as claimed in claim 1 wherein -R<sup>1</sup>-R<sup>2</sup>- is a radical of formula (a-5), R<sup>3</sup> is chloro and R<sup>4</sup> is bromo.
6. (Previously Presented) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically active amount of a compound according to claim 1.
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Original) A process for preparing a compound of formula (I) wherein
  - a) an intermediate of formula (II) is reacted with an carboxylic acid derivative of formula (III) or a reactive functional derivative thereof;



- b) an intermediate of formula (IV) is *N*-alkylated with a compound of formula (I-a), defined as a compound of formula (I) wherein L represents hydrogen, in a reaction-inert solvent and, optionally in the presence of a suitable base, thereby yielding compounds of formula (I-b), defined as compounds of formula (I) wherein L is other than hydrogen;



- c) an appropriate ketone or aldehyde intermediate of formula  $\text{L}'=\text{O}$  (V), said  $\text{L}'=\text{O}$  being a compound of formula  $\text{L-H}$ , wherein two geminal hydrogen atoms in the  $\text{C}_{1-12}$ alkanediyl moiety are replaced by  $=\text{O}$ , is reacted with a compound of formula (I-a), thereby yielding compounds of formula (I-b);



wherein in the above reaction schemes the radicals  $-\text{R}^1\text{-R}^2-$ ,  $\text{R}^3$ ,  $\text{R}^4$  and  $\text{R}^5$  are as defined in claim 1 and W is an appropriate leaving group;

- d) or, compounds of formula (I) are converted into each other following art-known transformation reactions; or if desired; a compound of formula (I) is converted into a pharmaceutically acceptable acid addition salt, or conversely, an acid addition salt of a compound of formula (I) is converted into a free base form with alkali; and, if desired, preparing stereochemically isomeric forms thereof.

11. (Canceled)

12. (Canceled)

13. (Previously Presented) A method for treating hypermotility, irritable bowel syndrome, constipation or diarrhea predominant IDS, pain and non-pain predominant IBS and bowel hypersensitivity comprising administering to a patient in need thereof an effective amount of a compound according to claim 1.